

Application No.: not yet assigned

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) Liposomal formulations comprising at least one active hydrophilic agent encapsulated in liposomes composed of at least one lipid bilayer formed by a mixture of at least one neutral saturated phospholipid and at least one charged saturated lipid.
2. (Currently amended) Liposomal formulations according to claim 1, ~~characterised in that~~ wherein the neutral saturated phospholipid is ~~chosen from amongst selected from the group consisting of~~ derivatives of phosphatidylcholine and their combinations.
3. (Currently amended) Liposomal formulations according to claim 2, ~~characterised in that~~ wherein the derivative of phosphatidylcholine is ~~chosen from amongst selected from the group consisting of~~ DSPC, DPPC and DMPC.
4. (Currently amended) Liposomal formulations according to claim 1, ~~characterised in that~~ the wherein a negatively charged saturated lipid of said charged saturated lipid is chosen from amongst selected from the group consisting of a group composed of derivatives of phosphatidylglycerol, phosphatidylserine, phosphatidylinositol, phosphatidic acid and their combinations.
5. (Currently amended) Liposomal formulations according to claim 4, ~~characterised in that~~ wherein the negatively charged saturated lipid is ~~chosen from amongst selected from the group consisting of~~ DSPG, DPPG and PS.
6. (Currently amended) Liposomal formulations according to claim 1, ~~characterised in that~~ wherein the positively charged saturated lipid of said charged saturated lipid is SA.

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7. (Currently amended) Liposomal formulations according to claim 1~~claims 1 to 6~~, that can ~~also contain futher comprising~~ at least one other lipid ~~chosen from amongst selected from the~~ group consisting of sterols and derivatives, gangliosides and sphingomyelins.
8. (Currently amended) Liposomal formulations according to claim 7, ~~characterised in that~~ wherein the sterol is cholesterol.
9. (Currently amended) Liposomal formulations according to claim 1 ~~characterised in that~~ wherein the active hydrophilic agent is a drug.
10. (Currently amended) Liposomal formulations according to claim 9, ~~characterised in that~~ wherein the drug has low molecular weight.
11. (Currently amended) Liposomal formulations according to claim 10, ~~characterised in that wherein~~ the drug with low molecular weight is selected from amongst 5-fluorouracil, acyclovir, iododeoxyuridine, methotrexate and ciprofloxacin.
12. (Currently amended) Liposomal formulations according to claim 1~~the previous claims~~, comprising ~~5-FU~~ 5-fluorouracil encapsulated in liposomes composed of DSPC:DSPG.
13. (Currently amended) Liposomal formulations according to claim 1~~claims 1 to 11~~, comprising ~~5-FU~~ 5-fluorouracil encapsulated in liposomes composed of DSPC:PS.
14. (Currently amended) Liposomal formulations according to claim 1~~claims 1 to 11~~, comprising ~~ACV~~ acyclovir encapsulated in liposomes composed of DPPC:CHOL:DPPG.
15. (Currently amended) Liposomal formulations according to claim 1~~claims 1 to 11~~, comprising ~~ACV~~ acyclovir encapsulated in liposomes composed of DSPC:DSPG.

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16. (Currently amended) Liposomal formulations according to claim 1 ~~the previous claims,~~
~~characterised in that wherein~~ the bilayer lipids ~~have~~ lipid has a neutral saturated
PL~~s~~phospholipid/charged saturated lipid molar ratio between 50/50 and 95/5.

17. (Currently amended) Liposomal formulations according to claim 16, ~~characterised in~~
~~that wherein~~ the neutral saturated PL~~s~~phospholipid/charged saturated lipid molar ratio is between
80/20 and 95/5.

18. (Currently amended) Liposomal formulations according to claim 1 ~~the previous claims,~~
~~characterised in that the wherein~~ an active hydrophilic agent/lipids molar ratio is between 0.01/1
and 40/1.

19. (Currently amended) Liposomal formulations according to claim 18, ~~characterised in~~
~~that wherein~~ the active hydrophilic agent/ lipids molar ratio is between 0.1/1 and 2/1.

20. (Currently amended) Liposomal formulations according to claim 1 ~~claims 12, 13, 18 and~~
~~19, characterised in that the 5-FU~~ wherein a 5-fluorouracil/ lipid molar ratio is between 0.2 and
1.5.

21. (Currently amended) Liposomal formulations according to claim 20, ~~characterised in~~
~~that wherein~~ the 5-FU 5-fluorouracil/ lipid molar ratio is between 0.5 and 1.0.

22. (Currently amended) ~~Pharmaceutical formulations that contain liposomal formulations~~
~~according to any of claims 1 to 21 and~~ Liposomal formulations according to claim 1 further
including a pharmaceutically acceptable vehicle thereby forming a pharmaceutical formulation.

23-28. (cancelled)

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29. (New) A method to prepare a liposomal formulation, comprising:
combining at least one neutral saturated phospholipid and at least one charged saturated lipid with at least one organic solvent in a container;
eliminating the solvent to form a lipid film on the walls of the container;
combining the lipid film with an aqueous solution of a hydrophilic active agent to form a liposomic suspension; and
subjecting the liposomic suspension to diafiltration with a buffer solution.
30. (New) The method of claim 29, further comprising extracting the liposomic suspension through a filter to select the vesicular size after the step of combining to form the liposomic suspension.
31. (New) The method of claim 29, further comprising diluting the liposomic suspension with a buffer solution after the step of subjecting.